



NOTES:

1. AFTER VALVE E11-F010 IS CLOSED, THE BREAKER AT FRAME 7A IS TO BE PAD LOCKED IN THE OPEN POSITION.
2. REFER TO THE MASTER FUSE LIST FOR FUSE DESIGN INFORMATION.
3. FOR CABLE NUMBER, SEE TABLE 1 ON DWG H-17016.
4. SEE MCC DATA SHEET B-17365 FOR MOTOR DATA.

REFERENCES:

1. B-17365 REACTOR BUILDING ESSENTIAL MCC R24-S011 SCHEDULE SH.1,2 & 3
2. B-17025 ESSENTIAL MCC R24-S011 FRONT VIEW DRAWING SH.2 & 3
3. H-17222- H-17225 600V ESSENTIAL MCC R24-S011 EXTERNAL CONNECTION DIAGRAM
4. H-17760 ELEMENTARY - RESIDUAL HEAT REMOVAL SYSTEM - E11
5. H-17120 ELEMENTARY - STANDBY LIQUID CONTROL SYSTEM - C41
6. H-19520 ELEMENTARY - RADWASTE SYSTEM - G11
7. H-17041 ELEMENTARY - SAFEGUARD EQUIP COOLING SYSTEM - T41
8. H-17047 ELEMENTARY - DRYWELL COOLING SYSTEM - T47
9. H-17104 ELEMENTARY - STANDBY GAS TREATMENT SYSTEM - T46
10. H-17092 ELEMENTARY - MISCELLANEOUS AIR INSTRUMENT SERVICE SYSTEM - P52
11. H-17108 ELEMENTARY - CORE SPRAY SYSTEM - E21
12. H-17157 ELEMENTARY - HIGH PRESSURE COOL INJECTION SYSTEM - E41
13. H-17147 ELEMENTARY - REACTOR CORE ISOLATION CLG SYSTEM - E51
14. H-17176 ELEMENTARY - REACTOR WATER CLEAN-UP SYSTEM - G31
15. H-17806 ELEMENTARY - NUCLEAR STEAM SPLY SHUT-OFF SYSTEM - A71
16. H-19662 ELEMENTARY - PROCESS RADIATION MONITORING SYSTEM - D11
17. H-19678 ELEMENTARY - HYDROGEN AND OXY ANALYZER SYSTEM - P33
18. H-17097 ELEMENTARY - CS AND RHR JOCKEY PUMP SYSTEM - E21
19. H-17045 ELEMENTARY - CONTAINMENT ATMOSPHERE DILUTION SYSTEM - T48
20. H-17052 ELEMENTARY - REACTOR BUILDING VENTILATION SYSTEM - T41
21. H-17081 ELEMENTARY - PRIMARY CONTAINMENT PURGE & INRT SYSTEM - T48B
22. H-17086 ELEMENTARY - REACTOR BUILDING SERVICE WATER SYSTEM - P41
23. H-19603 ELEMENTARY - DRYWELL & TORUS DIFFERENTIAL PRESSURE SYSTEM - T48
24. SX-13616-7 ESSENTIAL MCC R24-S011 LAYOUT DRAWING
25. H-17084 ELEMENTARY - REACTOR WATER CLEAN-UP SYSTEM - G31
26. H-17783 ELEMENTARY - RPS SYSTEM - C71
27. H-17122 ELEMENTARY - START-UP RANGE DETECTOR DRIVE CONTROL SYSTEM - C51
28. H-17860 ELEMENTARY - REACTOR RECIRCULATING PUMP SYSTEM - B31
29. A-10118 LOAD LIST FOR R24-S011
30. A-10278 LOAD LIST FOR R25-S125
31. H-19572 ELEMENTARY - REMOTE SHUTDOWN SYSTEM - C82 SH. 1

LICENSE RENEWAL DOCUMENT

BOUNDARY DIAGRAM NO.: 1R20-B01-15
 FUNCTION(S) NO.: 1R20-01
 PREPARED BY: Mark Crisler
 DATE: 04/06/98
 REVIEWED BY: Renee Ritchey
 DATE: 04/20/98

Revision: A Date: 11-16-99
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MPL NO. R24 ACAD14 HL17010

SOUTHERN COMPANY

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EDWIN I. HATCH NUCLEAR PLANT UNIT No. 1
 SINGLE LINE DIAGRAM
 REACTOR BUILDING 600V AC ESSENTIAL MCC '1C' SH.1 MPL R24-S011

DATE	DESIGNED	LOCATION	DOCUMENT NUMBER	REVISION
BKN	LCF			
DATE	SCALE	10-502	HL-17010	A
None				